

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-195395  
 (43)Date of publication of application : 28.07.1998

C09J 7/02

(51)Int.Cl.

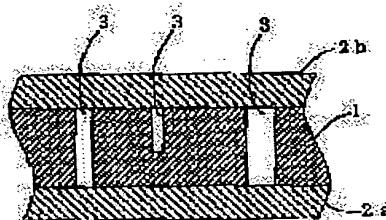
(21)Application number : 09-001923  
 (22)Date of filing : 09.01.1997

(71)Applicant : SIONTEC:KK  
 (72)Inventor : MORI HIROHIKO  
 TAMURA MIKA  
 KAMEZAWA NORIMASA

## (54) EASILY TEARABLE DOUBLE -COATED SELF-ADHESIVE TAPE OR SHEET

(57)Abstract:  
**PROBLEM TO BE SOLVED:** To obtain an easily tearable tape by applying a self-adhesive to both sides of a plastic film substrate which has minute holes which have specified diameters, of which the sum of areas of openings is in a specified range, and at least a half of which are through holes.

**SOLUTION:** A plastic film (e.g. a polyethylene or polyester film) with a thickness of 10–90 $\mu\text{m}$  is perforated, e.g. by a laser, to form minute holes which have diameters of 1,500 $\mu\text{m}$  or lower and of which the sum of areas of openings accounts for 5–15% of the surface area of the film. Then, on both sides of the perforated film 1 having minute holes 3 of which at least a half are through holes 3, self-adhesive layers 2a and 2b are formed to give a double-coated self-adhesive tape. A self-adhesive tape formed by laminating a metal foil to at least one side of the perforated film 1 and forming a self-adhesive layer on the foil enables to detect the position of the self-adhesive tape stuck to an adherend with a metal detector.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C) 1998,2003 Japan Patent Office

BEST AVAILABLE COPY